

Work Order ID 160813

Thursday, May 04, 2017 2:44:54 PM

160813

Page 1

Item ID: D3444-1

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Velcro Loop Belt

Start Date: 5/4/2017 Start Qty: 12.00

12

Cust Item ID:

Required Date: 5/24/2017 Req'd Qty: 12.00

12

Customer:

Reference:

DAS
13
9-89

Approvals:

Process Plan:

Date:

MAY 04 2017

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

D3444

C

100

0.00

100

Purchasing

Purchasing

PURCHASING

Memo

Issue P/O: 36201

0.00

Velcro Loop Belt as per Dwg D3444

Material: MIL-W-4088 Type XVII, 1" Black Webbing

Possible Supplier: Tulmar Safety Systems

Material release note is required

12

MAY 04 2017

DAS
13
9-89

110

0.00

110

Packaging

Packaging

Receive & Inspect for Damage & Mat'l Certs

Memo

Ensure Material Release Note is attached

0.00

12x 8017-519

Work Order ID 160813

Thursday, May 04, 2017 2:44:54 PM

160813

Page 2

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Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start

NR1

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	QC6- All purchased or subcontracted products	0.00							
120						12			DAS 38 9-89
QC	Memo	0.00							MAY 24 2017
Quality Control									
130	Identify as per dwg & Stock Location W1003	0.00							
130						12			DAS 6 9-89
Packaging	Memo	0.00							MAY 26 2017
Packaging									
140	QC21- Final Inspection - Work Order Release	0.00							
140									17/5/30
QC	Memo	0.00							
Quality Control									

DAS
21
9-89

MAY 26 2017

Picklist Print

Thursday, May 04, 2017 2:44:54 PM

Page 1

Work Order ID: 160813

160813

Parent Item: D3444-1

D3444-1

Parent Item Name: Velcro Loop Belt

Start Date: 5/4/2017

Required Date: 5/24/2017

Start Qty: 12.00

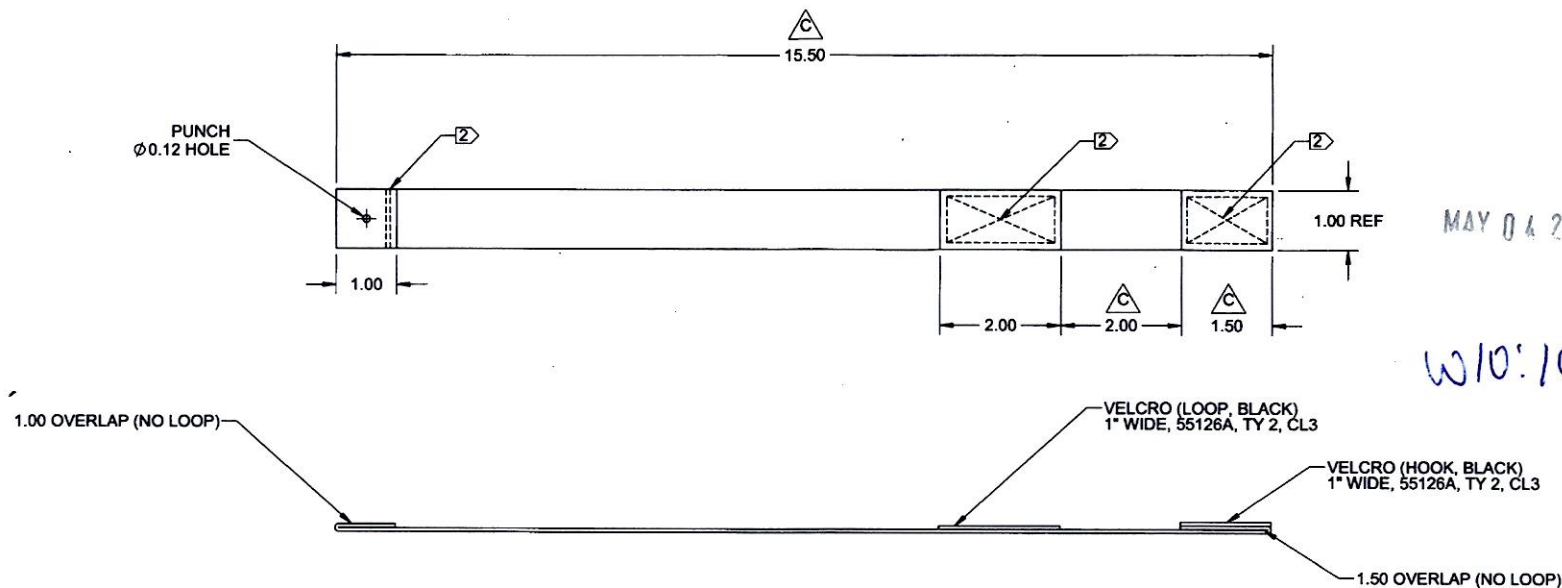
Required Qty: 12.00

Comments: IPP A05.09.13New issueKJ/JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3444-1P		Purchased	No			110	Each	0.0000	1	12			
D3444-1P									**				
Velcro Loop Belt													

12x split 5-19

SPECIFICATION CONTROL DRAWING



MAY 04 2017

DAS
13
9-59

W10:160813

D3444-1 VELCRO LOOP BELT

RELEASED
2014-12-08

NOTES:

- 1) MATERIAL: MIL-W-4088 TYPE XVII, 1" BLACK WEBBING
- 2) FINISH: STITCH APPROXIMATELY AS SHOWN, PER ASTM-D6193
FUSE/HEAT SEAL BELT ENDS, PUNCHED HOLE CIRCUMFERENCE, AFTER CUTTING
- 3) TOLERANCES: PER TULMAR SEE TABLE 1
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3444-1" PER DART QSI 044 6.7
- 7) WEIGHT: 0.07 lbs
- 8) POSSIBLE SUPPLIER: TULMAR SAFETY SYSTEMS INC.

C	RE-FORMAT DRAWING TO CURRENT STANDARD: DIMS 15.50 WAS 14.00, 2.00 WAS 2.50, 1.50 WAS 1.00 REASON: TO FACILITATE INSTALLATION	DB	14.08.12
B	UPDATED MATERIAL AS SUPPLIED BY TULMAR	MB	05.07.14
A	NEW ISSUE	MB	05.06.15
REV.	DESCRIPTION	BY	DATE
DESIGN	MB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	DB		
CHECKED	MB	DRAWING NO.	REV. C
MFG. APPR.	MB	D3444	SHEET 1 OF 1
APPROVED	MB	TITLE	SCALE
DE APPR.	N/A	VELCRO LOOP BELT	NTS
DATE	14.08.12	COPYRIGHT © 2005 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

TABLE 1

TOLERANCES ON FABRIC (PARTS AND ASSEMBLIES)
±0.08: DIMS <2
±0.20: DIMS 2 TO <10
±0.40: DIMS 10 TO <20
±0.60: DIMS 20 TO <40
±2.5%: DIMS EQUAL TO OR > 40



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO36201**

Purchase Order Date 5/4/2017 2:58:35 PM

PO Print Date 5/4/2017

Page Number 1 of 2

Order From :

VC-TUL001

Ship To : DART AEROSPACE LTD

TULMAR SAFETY SYSTEMS
1123 CAMERON ST
HAWKESBURY, ON K6A 2B8
CA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED
MAY 05 2017

Contact Name

Vendor Phone 613 632 1282

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
	Line Comments		Promise Date				
	Delivery Comments						
1	D3444-1P	Velcro Loop Belt	5/24/2017 Yes 5/24/2017		12.00 Each	\$17.35	\$208.20
	AS PER DWG D3444 REV. C B160813						DAS 38 9-89
						Line Total:	\$208.20
2	71401-45	PROCUREMENT QUALITY CLAUSES	5/24/2017 No 5/24/2017		1.00	\$0.00	\$0.00
	Procurement Quality Clauses A004 faa-pma/tso A005 right of entry A007 first article inspection (fai) A016 personnel qualification A026 certification of material conformance A040 notification of quality escape A041 quality management system A043 retention of quality document NOTE: TULMAR RETAINS RECORDS FOR 5 YRS ONLY						

2017-519

Note:

5/4/2017

PACKING SLIP

TULMAR

Tulmar Safety Systems Inc.
1123 Cameron Street
Hawkesbury, ON K6A 2B8
Tel: 613-632-1282
Fax: 613-632-2030
GST R132478223
MID : XOTULSAF1123HAW
email: info@tulmar.com

Packing Slip No Page

60229 1

Ship Date
5/18/2017

Bill To:

Dart Aerospace

1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Canada

Ship To:

Dart Aerospace

1270 Aberdeen Street
Tel: 613-632-9577
Hawkesbury, ON K6A 1K7
Canada

Order number	Sales order date	Account number	Loc	Account manager	PO number	Ship via	Shipping Terms
34830	5/5/2017	CDART100	H	Francine Bigras	PO36201	Pick-Up	FOB HAWKESBURY
Item No.	Description	Quantity ordered	UOM	Qty Shipped/Returned	Quantity on back order		
8419	PICKUP BY CUSTOMER Strap, Loop Belt Velcro, Black / 1" velcro and Web Drawing No: D3444-1, Except Note 6 DWG Rev: C Line 1 SF 41904 ***** Line 2 - Procurement Clauses A004 A005 A007 A016 A026 A040 A041 A043(TSS 5 yrs only)	12.00	EA	12.00			
Lot no.: BATCH0000000010		12.00					

SP17-519.

Certificate of Conformance

☒ See Certification Enclosed

I hereby certify that the items listed hereon have been inspected, and / or tested (as applicable), conform to all specifications and requirements detailed in the contract or purchase order. Objective evidence to support this statement is on file, and can be made available upon request.
If any questions or concerns, please contact QA Manager @613-632-1282 ext. 245.

Authorized Inspector

Suzanne La Liberté

Date: MAY 19 2017



Bally Ribbon Mills
23 North 7th St. Bally PA 19503
p 610.845.2211 f 610.845.8013

01/04/17

CERTIFICATE

Number: 216876-2519

Qualified Lab - List No. 1935

Customer	TULMAR SAFETY SYSTEMS	Memo No.	438313
Purchase Order No.	30791-00	Shipment	
Specifications	MIL-W-4088K CLASS 1 TYPE XVII COLOR CHIP #37030 P/N TSS2262B	Shipped Via	FED X ECONOMY
Contract No.	LOT #9C2331 DOM:09/14 UV, MOULD, FUNGUS RESISTANT	Quantity	429 YD
BALLY RIBBON MILLS	894101000BK	Lot Quantity	11984 YDS
Pattern No.	8941-1" BLACK NYLON WEBBING		

CERTIFICATE OF CONFORMANCE

I CERTIFY THAT THIS PATTERN CONFORMS WITH THE PHYSICAL, CHEMICAL AND VISUAL QUALITY REQUIREMENTS OF THE MILITARY SPECIFICATIONS LISTED ABOVE AND THE FAR 25.853(A), APPENDIX F, PART 1, SUBSECTION (A) (1) (IV).

NOTE: THIS CERT IS FOR BRM TESTING ONLY AND DOES NOT INDICATE FAA ACCEPTANCE.

Jerome Richards, Quality Assurance Manager

2262-B

B#22

JAN 06 2017



1/6's used to mfg.
D3444-1 Rev.C.

Janice L. (QC)

1/12



Bally Ribbon Mills
23 North 7th St. Bally PA 19503
p 610.845.2211 f 610.845.8013

01/04/17

LAB REPORT

Number: 216876-1984

PAGE: 1

Qualified Lab - List No. 1935

Customer TULMAR SAFETY SYSTEMS

Purchase Order No. 30791-00

Shipped Via FED X ECONOMY

Specifications MIL-W-4088K CLASS 1 TYPE XVII
COLOR CHIP #37030 P/N TSS2262B

Memo No. 438313

Contract No. UV, MOULD, FUNGUS RESISTANT
DOM: 09/14 LOT: 9C2331

Shipped Qty 429 YD

BALLY RIBBON MILLS 894101000BK
Pattern No. 8941-1" BLACK NYLON WEBBING

Lot Qty 11984

-----TESTS----- *-----TEST RESULTS-----*

AVERAGE *---REQUIREMENT---* METHOD

Far.25.853(a) Appendix F,
Part 1, Subsection (a)(1)(IV)
Burn Rate-0 0 0 2 1/2"/ 1 min max

WIDTH	1.015	.968	1	1	1.015	.9996	1" +/- 1/16"	5020
	1	1	1.031	1.031	1.031	1.0186		
	1.031	1.015	1.031	1.031	1	1.0216		
THICKNESS	.056	.056	.058	.057	.056	.0566	.045" TO .070"	5030
	.057	.056	.056	.057	.057	.0566		
	.057	.057	.057	.057	.057	.057		
WEIGHT	.927	.9269	.923	.926	.92	.9246	1.15 OZ/YD MAXIMUM	5041
	.924	.921	.915	.921	.926	.9214		
	.924	.921	.915	.921	.926	.9214		
FACE AND BACK WARP ENDS	114	114	114	114	114	114	114 ENDS MINIMUM	5050
	114	114	114	114	114	114		
	114	114	114	114	114	114		
840 DENIER NYLON,2 PLY,BRT HIGH TENACITY HEAT & LIGHT RESISTANT, NYLON 6.6								
GROUND YARN DENIER	840	840				840	840 DENIER	4021 1/
	840	840				840		
	840	840				840		
GROUND YARN TWIST/INCH	3	3				3	2 1/2 TPI MINIMUM	4054 2/
	3	3				3		
	3	3				3		
GROUND YARN PLY	2	2				2	2 PLY	VISUAL
	2	2				2		
	2	2				2		
PICKS PER INCH	16	16	16	16	16	16	15 PICKS MINIMUM	5050
	16	16	16	16	16	16		
	16	16	16	16	16	16		
840 DENIER NYLON,2 PLY,BRT HIGH TENACITY HEAT & LIGHT RESISTANT, NYLON 6.6								
FILL YARN DENIER	840	840				840	840 DENIER	4021 1/
	840	840				840		
	840	840				840		
FILL YARN PLY	2	2				2	2 PLY	VISUAL
	2	2				2		
	2	2				2		
BREAKING STRENGTH	2954	3525	3728	3802	3199	3441.6	2500 LBS MINIMUM	4108
	3808	3684	3701	3516	3871	3716		
	3770	3239	3524	3822	3408	3552.6		

Continued on Next Page



Bally Ribbon Mills
23 North 7th St. Bally PA 19503
p 610.845.2211 f 610.845.8013

01/04/17

LAB REPORT

Number: 216876-1984

PAGE: 2

Qualified Lab - List No. 1935

Customer TULMAR SAFETY SYSTEMS

Purchase Order No. 30791-00

Shipped Via FED X ECONOMY

Specifications MIL-W-4088K CLASS 1 TYPE XVII
COLOR CHIP #37030 P/N TSS2262B
Contract No. UV, MOULD, FUNGUS RESISTANT
DOM: 09/14 LOT: 9C2331

Memo No. 438313

Shipped Qty 429 YD

BALLY RIBBON MILLS 894101000BK
Pattern No. 8941-1" BLACK NYLON WEBBING

Lot Qty 11984

.....T E S T S.....		*.....T E S T R E S U L T S.....*					AVERAGE	*...-REQUIREMENT-...*	METHOD
WEAVE	PASS							PASS OR FAIL	VISUAL
WEAVE	PASS							PASS OR FAIL	VISUAL
WEAVE	PASS							PASS OR FAIL	VISUAL
WEAVE	TWO UP, TWO DOWN HERRINGBONE TWILL W/ONE CENTER REVERSAL							PASS OR FAIL	VISUAL
COLORFASTNESS/WET CROCK	3.5						3.5	3.5 MINIMUM RATING	5651
	3.5						3.5		
	3.5						3.5		
COLORFASTNESS/DRY CROCK	3.5						3.5	3.5 MINIMUM RATING	5651
	3.5						3.5		
	3.5						3.5		
COLORFASTNESS/LIGHT(FADE)	GOOD							GOOD	5660
COLORFASTNESS/LIGHT(FADE)	GOOD							GOOD	5660
COLORFASTNESS/LIGHT(FADE)	GOOD							GOOD	5660
COLORFASTNESS/LAUNDERING	GOOD							FAIR	5614 2/
COLORFASTNESS/LAUNDERING	GOOD							FAIR	5614 2/
COLORFASTNESS/LAUNDERING	GOOD							FAIR	5614 2/
CURVATURE	.109	.093	.046	.093	.031	.0744	.25" MAXIMUM		4.5.1
	.031	.093	.125	.046	.156	.0902			
	.031	.109	.156	.14	.14	.1152			
PH	7.4	7.4				7.4	5.0 TO 8.5		2811
	7.5	7.5				7.5			
	7.6	7.6				7.6			
NYLON YARN	PASS							PASS OR FAIL	3.3.1
NYLON YARN	PASS							PASS OR FAIL	3.3.1
NYLON YARN	PASS							PASS OR FAIL	3.3.1
NON BLEACHING	NONE							NONE	3.3.1
NON BLEACHING	NONE							NONE	3.3.1
NON BLEACHING	NONE							NONE	3.3.1
NYLON MELTING POINT	494	494				494			1534
	494	494				494			
	494	494				494			

I certify that the above tests were performed under my supervision in accordance with the specification test requirements and that the reported test results are true, valid and applicable to the samples tested.

2262-B

B#22

JAN 06 2017



Jerome Richards
Jerome Richards, Quality Assurance Manager



Date: March 20, 2017
To: Tulmar Safety Systems
From: Amy Bircher
Re: Purchase Order# 31180-00

This is to certify that the 700 yards processed on your PO# 31180-00 for 1" Sew On Loop, Black, meets the specifications set forth by MIL Spec A-A-55126, Type 2, Class 3.

Amy Bircher, President / Founder

29260 Clemens Rd Bldg II, Suite B, Westlake, OH 44145 | P: 888.MMI.0086 F: 440.899.8055 | mmitextiles.com

Your Total Textile Resource

2602 B#78 MAR 23 2017





3939, Boul. Thimens,
Ville St. Laurent, Quebec
H4R - 1X3

Tel: (514) 332-3350, Fax: (514) 332-2957

CERTIFICATE OF COMPLIANCE

Requirements:

TULMAR - 2612

Fastener, Hook, Polyester, Black, A-A-55126, TY2, CL3, 1".

Country of Origin: USA

QS300 - CSM HK 1" 040 50Y Col: 580 Qty: 250yds

Customer Information: Tulmar Safety Systems

Purchase Order Number: 30244-00

Sales Order Number: 0571717-00

Ship Date: July 6th, 2016.

Lot Number: 12023-1316, 13232-1806.

Lorraine Blackwood
Lorraine Blackwood
YKK Canada Inc.

July 6th, 2016
Date

TSS 2612 B/63 (PP)

May 11, 2016

TULMAR SAFETY SYSTEMS

1123 CAMERON STREET
HAWKSBURY, ONTARIO
K6A 2B8

CERTIFICATE OF COMPLIANCE

This is to certify that the item mentioned below, shipped to Tulmar Safety Systems by Cansew Inc. on May 10, 2016, has been produced in accordance with the requirements of Purchase Order no. 30118-00 of the same date:

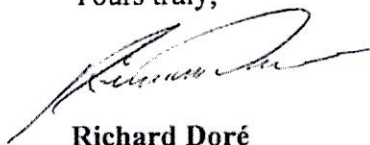
- **NB CBB92 LB;** Cansew Nylon – Qty 22.50 lbs, Colour: Black
LOT #: F78828

Description

Thread, Nylon, Twisted, Black, A-A-59826, TY2, CLA, Size F, CBB92, (Supercedes V-T-295)

Hazardous Materials Acknowledgement	The items described below may contain, and their processing may have include, the following substances:	Hexavalent Chromium: Cadmium: Beryllium; Nickel; Mercury; Lead; Asbesotos; Radioactive elements YES NO ●
Country of Origin of Goods: USA		
Limited Shelf-Life	<u>Definition:</u> If material is consumed or transformed into final product before end of shlf-life there is no effect on final product.	These items have limited Shelf-Life YES NO ●
Expiry date	<u>Definition:</u> Date after which performance will no longer be as intended – expiration is transferred to the final product.	These items have expiry date YES NO ●

Yours truly,



Richard Doré
Sales Manager

MONTREAL
111 Chabanel W. H2N 1C9
Tel. (514) 382-2801
1-800-361-7722
Fax: (514) 385-5530
E-mail: info@cansew.ca
www.cansew.ca

TORONTO
28 Apex Rd. M6A 2V2
(416)782-1122
1-800-387-8584
(416)782-8358
info@cansew.ca

WINNIPEG
1674 Church Ave. R2X 2W9
(204)942-4264
1-800-665-0701
(204)947-9280
info@cansew.ca

CALGARY
3932-29th St. N.E. T1Y 6B6
(403)291-4494
1-800-667-4197
(403)291-5139
info@cansew.ca

VANCOUVER
1217 East Georgia St. V6A 2A9
(604)682-4341
1-800-580-0737
(604)682-4196
info@cansew.ca

TSS 2530 B/55 (PP)